



"Nicholas Ayache"

Search

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar

Results 1 - 10 of about 613 for "Nicholas Ayache". (0.08 seconds)

Real-time elastic deformations of soft tissues for surgery simulation - group of 8 »

S Cotin, H Delingette, N Ayache - IEEE Transactions on Visualization and Computer Graphics, 1999 - ieeexplore.ieee.org

Page 1 62 IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS, VOL. 5, NO. 1, JANUARY-MARCH 1999 1077-2626/99/\$10.00 © 1999 IEEE Real-Time Elastic ...

Cited by 221 - [Web Search](#) - [BL Direct](#)

HYPER: A new approach for the recognition and positioning of two-dimensional objects. - group of 3 »

N Ayache, OD Faugeras - IEEE TRANS. PATTERN ANAL. MACH. INTELLIG., 1986 - portal.acm.org
 Google, Inc. Subscribe (Full Service), Register (Limited Service, Free),

Login. Search: The ACM Digital Library The Guide. Feedback ...

Cited by 186 - [Web Search](#)

Maintaining representations of the environment of a mobile robot - group of 3 »

N Ayache, O Faugeras - on The fourth international symposium table of contents, 1988 - portal.acm.org
 ... 1988. ISBN:0-262-02272-9. Authors, **Nicholas Ayache**, Olivier Faugeras, Publisher,
 MIT Press Cambridge, MA, USA. Additional Information: ...

Cited by 157 - [Web Search](#)

Using deformable surfaces to segment 3-D images and infer differential structures - group of 2 »

I Cohen, LD Cohen, N Ayache - CVGIP: Image Understanding, 1992 - portal.acm.org

... Laurent D. Cohen, **Nicholas Ayache**, Publisher, Academic Press, Inc. ... **Nicholas Ayache**:

Safa Al-Sarraj. Cyril F. Allouche. Douglas L. Arnold. DP Auer. Ludwig M. Auer ...

Cited by 177 - [Web Search](#)

book Artificial vision for mobile robots: stereo vision and multisensory perception

N Ayache - 1991 - MIT Press

Cited by 128 - [Web Search](#) - [Library Search](#)

Rigid, affine and locally affine registration of free-form surfaces - group of 10 »

J Feldmar, N Ayache - International Journal of Computer Vision, 1996 - Springer

... JACQUES FELDMAR AND **NICHOLAS AYACHE** INRIA SOPHIA, Projet EPIDAURE, 2004 route des
 Lucioles, BP 93, 06902 Sophia Antipolis Cedex, France feldmar@sophia.inria.fr ...

Cited by 123 - [Web Search](#) - [Library Search](#) - [BL Direct](#)

A hybrid elastic model for real-time cutting, deformations, and force feedback for surgery training ... - group of 6 »

S Cotin, H Delingette, N Ayache - The Visual Computer, 2000 - Springer

We propose three physical models based on linear elasticity theory and
 finite-element modeling that are well-suited for surgery simulation. The ...

Cited by 119 - [Web Search](#) - [BL Direct](#)

Smoothing and matching of 3-d space curves - group of 6 »

A Guéziec, N Ayache - International Journal of Computer Vision, 1994 - Springer

Abstract We present a new approach to the problem of matching 3-D curves. The
 approach has a low algorithmic complex- ity in the number of models, and ...

[Cited by 97](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

[The Correlation Ratio as a New Similarity Measure for Multimodal Image Registration - group of 4 »](#)

A Roche, G Malandain, X Pennec, N Ayache - MICCAI, 1998 - Springer

Abstract. Over the last five years, new "voxel-based" approaches have allowed important progress in multimodal image registration, notably due to ...

[Cited by 97](#) - [Web Search](#) - [BL Direct](#)

[Tracking Points on Deformable Objects Using Curvature Information - group of 3 »](#)

I Cohen, N Ayache, P Sulger - ECCV, 1992 - iris.usc.edu

The objective of this paper is to present a significant improvement to the approach of Duncan et al. [1, 8] to analyze the deformations of curves in ...

[Cited by 80](#) - [View as HTML](#) - [Web Search](#)

Google

Result Page: 1 2 3 4 5 6 7 8 9 10 · [Next](#)

"Nicholas Ayache"

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



deformation simulation mesh "Nicholas Ayache"

Search

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar Results 1 - 7 of 7 for deformation simulation mesh "Nicholas Ayache" -2006 -2004 -2003 -2002 -2001 -2000 - ...

Tip: Try removing quotes from your search to get more results.

Medical Image Analysis and Simulation - group of 4 »

N Ayache - LECTURE NOTES IN COMPUTER SCIENCE, 1997 - rfai.li.univ-tours.fr

... integrate all the requirements for a realistic **simulation**. ... gives not only the deformed **mesh** but also ... force feedback device according to the actual **deformation**. ...

[Cited by 1](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

MEDICAL IMAGE - group of 4 »

S **SIMULATION** - imm.dtu.dk

... 77 5.6 **Deformation** of grid for circle to 'C' using ... 124 8.5 FE **mesh** created from contours using Nuages ... 125 8.6 **Simulation** system implemented using SGI Performer ...

[View as HTML](#) - [Web Search](#)

[PS] Epidaure, Projet Images, Diagnostic Automatique, Robotique - group of 2 »

P EPIDAURE - inria.fr

... **cles** : analyse du mouvement (1, 15), **deformation** (1, 17 ... robotique medicale (1), **simulation** (20), **simulation** chirurgicale (1 ... **Nicholas Ayache**, DR Inria Secretariat ...

[View as HTML](#) - [Web Search](#)

[BOOK] Medical image computing and computer-assisted intervention-MICCAI'98

WM Wells, S Delp, ACF Colchester, CF Alan - 1998 - books.google.com

... University, USA Takehide Asano Chiba University, JP **Nicholas Ayache** INRIA Sophia ...

Modeling of Soft Tissue **Deformation** for Laparoscopic Surgery **Simulation**

[Cited by 1](#) - [Web Search](#) - [Library Search](#)

[BOOK] CVRMed-MRCAS'97

J Troccaz - 1997 - books.google.com

... Advisory Board **Nicholas Ayache**, PhD Anthony DiGioia III, MD Takeo Kanade, PhD ...

CT-based **simulation** offluoroscopy and DSA for endovascular surgery training ...

[Cited by 1](#) - [Web Search](#) - [Library Search](#)

[BOOK] Vision Modelling and Visualization ' 99

B Girod - 1999 - books.google.com

... Improved Cut-Border Machine for Triangle **Mesh** Compression ... A. Carini, S. Di Pierro:

Deformation Modelling of ... B. Cited: Interactive Osteotomy **Simulation** and Soft ...

[Web Search](#)

[PS] Fast evaluation of cardinal radial basis interpolants

G Allasia, P Giolito - Surface Fitting and Multiresolution Methods - infres.enst.fr

... We prove that it converges to the data function as the **mesh** parameter tends to zero. ...

Mexico gonzalez@ce.isicam.unam.mx A Free **Mesh** Surface Structure for ...

[Cited by 5](#) - [View as HTML](#) - [Web Search](#)

deformation simulation mesh "Nicholas Ayache" Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



deformation simulation mesh "Herve Delingette"

Search

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar Results 1 - 9 of 9 for deformation simulation mesh "Herve Delingette" -2006 -2004 -2003 -2002 -2

Tip: Try removing quotes from your search to get more results.

Toward realistic soft-tissue modeling in medical simulation - group of 12 »

H Delingette - Proceedings of the IEEE, 1998 - [ieeexplore.ieee.org](#)

... 5. **Deformation** response of a linear viscoelastic material ... a moving point object and a static **mesh**. ... In surgical **simulation**, however, those algorithms are not ...

Cited by 105 - [Web Search](#) - [BL Direct](#)

Volumetric medical images segmentation using shape constrained deformable models - group of 6 »

J Montagnat, H Delingette - LECTURE NOTES IN COMPUTER SCIENCE, 1997 - [lirmm.fr](#)

... This reference deformable model is represented as a simplex **mesh** submitted to ... the robustness of segmentation while allowing very complex **deformation** of the ...

Cited by 25 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

A Hybrid Framework for Surface Registration and Deformable Models - group of 10 »

J Montagnat, H Delingette - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND ..., 1997 - [doi.ieeecomputersociety.org](#)

... below requires a few minutes of **deformation** on a ... Without external forces, a simplex **mesh** submitted to the ... extracted are suitable for surgery **simulation** or the ...

Cited by 9 - [Web Search](#) - [BL Direct](#)

Anatomy-Based Facial Tissue Modeling Using the Finite Element Method

S Testbed - [caesar.de](#)

... efforts is the computer-based realistic **simulation** of the soft tissue or skeleton **deformation**, such as ... approximated by dividing it into a **mesh** of discrete ...

[View as HTML](#) - [Web Search](#)

Anatomy-Based Facial Tissue Modeling Using the Finite Element Method - group of 7 »

E Keeve, S Girod, P Pfeifle, B Girod - IEEE Visualization, 1996 - [doi.ieeecomputersociety.org](#)

... efforts is the computer-based realistic **simulation** of the soft tissue or skeleton **deformation**, such as ... approximated by dividing it into a **mesh** of discrete ...

Cited by 51 - [Web Search](#)

Interactive multiresolution animation of deformable models - group of 19 »

G Debunne, M Desbrun, A Barr, MP Cani - ... Eurographics Workshop on Computer Animation and Simulation, ..., 1999 - [multires.caltech.edu](#)

... interpret Hooke's law as a **deformation** wave with ... no damping at all was used for this **simulation**. ... introduced in Computer Graphics for **mesh** smoothing through ...

Cited by 44 - [View as HTML](#) - [Web Search](#)

Interactive Animation of Structured Deformable Objects - group of 16 »

M Desbrun, P Schroeder, A Barr - GRAPHICS INTERFACE, 1999 - [geometry.caltech.edu](#)

... The first one is derived from the finite element theory, and takes advantage of linear elasticity to allow real-time **deformation** of any meshed objects [3 ...

Cited by 133 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[PS] Epidaure, Projet Images, Diagnostic Automatique, Robotique - group of 2 »

P EPIDAURE - [inria.fr](#)

... 2. **Deformation** de la superquadrique par deformations ... 3.5.1 **Simulation** de video-chirurgie abdominale Participants : **Herve Delingette**, Luc Soler, Stephane Cotin ...
[View as HTML](#) - [Web Search](#)

[Topological Evolution of Surfaces - group of 7 »](#)

D DeCarlo, J Gallier - GRAPHICS INTERFACE, 1996 - cs.rutgers.edu

... differ. Also, a simple **deformation** of a shape (a geometric change), does not change either the **mesh** or surface topology. We will ...

[Cited by 46](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

deformation simulation mesh "Herve Delingette"

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



"Guillaume Picinbono" -2006 -2004 -2003 -2002 -2001 -2000

Search

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar Results 1 - 1 of 1 for "Guillaume Picinbono" -2006 -2004 -2003 -2002 -2001 -2000. (0.06 seconds)

Tip: Try removing quotes from your search to get more results.

[Projet Epidaure](#) - [group of 4](#) »

S Antipolis - inria.fr

... Alexandre Guimond bourse CRSNG Canada Karl Krissian allocataire Moniteur Normalien

Guillaume Picinbono bourse MESR Sylvain Prima bourse MESR ...

[View as HTML](#) - [Web Search](#)

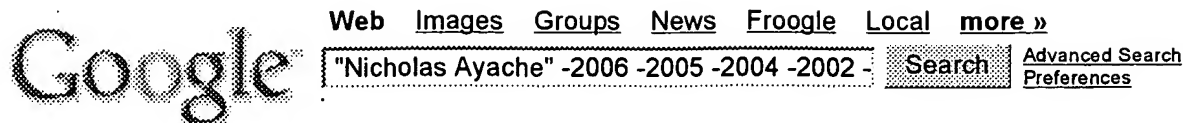
"Guillaume Picinbono" -2006 -2004

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google

[Sign in](#)



Web Results 1 - 10 of about 707 for "Nicholas Ayache" -2006 -2005 -2004 -2002 -2001 -2000. (0.24 seconds)

Product search results for "Nicholas Ayache" -2006 -2005 -2004 -2002 -2001 -2000



Computer Vision, Virtual Reality And Robotics In ... - \$103.94 - BestPrices.com

Computer Vision, Virtual Reality and Robotics in ... - \$112.00 - Barnes & Noble.com

Handbook of Numerical Analysis: Computational Models for ... - \$215.00 - Barnes & Noble.com

Prof. Nicholas Ayache

www-sop.inria.fr/epidaure/personnel/ayache/ayache.html - 1k - [Cached](#) - [Similar pages](#)

Prof. Nicholas Ayache

www-sop.inria.fr/epidaure/personnel/Nicholas.Ayache/ayache.html - 1k -

[Cached](#) - [Similar pages](#)

[[More results from www-sop.inria.fr](#)]

Nicholas AYACHE - [[Translate this page](#)]

Nicholas AYACHE. Scientific leader of the ASCLEPIOS project · Sophia Antipolis research unit. +33 49 238 76 61 (Secretary office : +33 49 238 76 60) ...

www.inria.fr/personnel/Nicholas.Ayache.en.html - 2k - [Cached](#) - [Similar pages](#)

Digital Processing of Medical Images (plan) - Nicholas Ayache

The lecture is made of 6 parts (the 1st is available in french as well, so you will find 7 items below) : Introduction (a SMIL document, 8mn 28s, ...

www.inria.fr/MULTIMEDIA/Didactheque/4-Docmnt-Didact/0002/planMedicalImages.html -

12k - [Cached](#) - [Similar pages](#)

[[More results from www.inria.fr](#)]

jacques feldmar - ResearchIndex document query

Jacques Feldmar And **Nicholas Ayache**. Rigid, Aoene And www-sop.inria.fr/epidaure/personnel/fidrich/PS/Norway.ps.gz Definition of a 4D continuous polar ...

citeseer.ist.psu.edu/cis?q=Jacques+Feldmar - 14k - [Cached](#) - [Similar pages](#)

chahab nastar - ResearchIndex document query

7) Chahab Nastar and **Nicholas Ayache**. A New Physically Based ... analysis of nonrigid motion from 4D data Chahab Nastar **Nicholas Ayache** INRIA Rocquencourt ...

citeseer.ist.psu.edu/cis?q=Chahab+Nastar - 20k - [Cached](#) - [Similar pages](#)

[[More results from citeseer.ist.psu.edu](#)]

Nicholas Ayache Patent Inventor Nice, FR

Nicholas Ayache. Nice, FR 20050141757 - Image processing device and method for detecting developing lesions ### The patent applications displayed for ...

www.freshpatents.com/Nicholas-Ayache-Nice-invdira.php - 7k - [Cached](#) - [Similar pages](#)

Habilitation Laurent Cohen

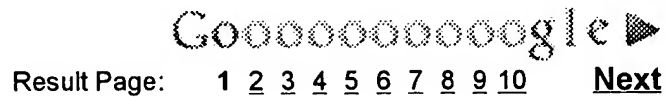
Isaac Cohen, Laurent D. Cohen, and **Nicholas Ayache**. Computer Vision, Graphics, and Image Processing ... Laurent Cohen, Eric Bardinnet, and **Nicholas Ayache**. ...

www.ceremade.dauphine.fr/~cohen/habilpub.html - 8k - [Cached](#) - [Similar pages](#)

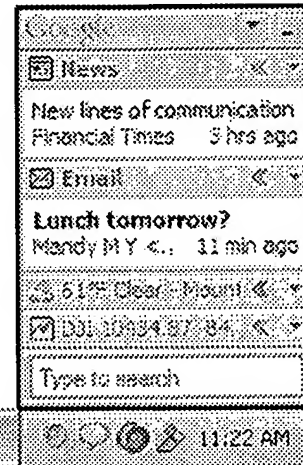
Invited speakers

Nicholas Ayache is a Research Director at INRIA (French Research Institute in Computer Science and Automatic Control), Sophia-Antipolis, France, ...

Try your search again on [Google Book Search](#)



Info when you want it, right on your desktop
Free! Download Google Desktop



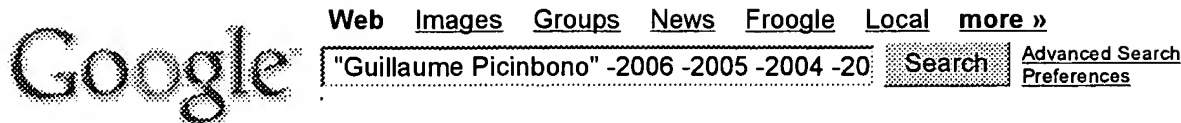
"Nicholas Ayache" -2006 -2005 -2004 [Search](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)



Web Results 1 - 10 of about 69 for "Guillaume Picinbono" -2006 -2005 -2004 -2002 -2001 -2000. (0.78 secon

Tip: Search for English results only. You can specify your search language in [Preferences](#)

Deuxième réunion (7-8 Sep. 1998) - [[Translate this page](#)]

Projet Epidaure. Hervé Delingette **Guillaume Picinbono**. Projets Sinus et Epidaure. Jean-Christophe Lombardo ... (**Guillaume Picinbono**) transparents PostScript ...
www-sop.inria.fr/epidaure/FormerCollaborations/aisim/CompteRendu/2ndReunion.html - 21k - [Cached](#) - [Similar pages](#)

Diapositive PPT - [[Translate this page](#)]

Diapositive PPT. *. **Guillaume Picinbono**. AISIM III. Extrapolation: une solution pour le retour d'effort ? **Guillaume Picinbono** Jean-Christophe Lombardo ...
www-sop.inria.fr/epidaure/FormerCollaborations/aisim/CompteRendu/aisim3/extrapolation/tsld001.htm - 2k - [Cached](#) - [Similar pages](#)
[[More results from www-sop.inria.fr](#)]

Citations: Animation of deformable models using implicit surfaces ...

Guillaume Picinbono.. (1999) (2 citations) (Correct)qualities which allow their use in many simulation applications, the simulation of realistic ...
citeseer.ist.psu.edu/context/543722/0 - 15k - [Cached](#) - [Similar pages](#)

Guilherme Del Fiol Guilherme Dias da Fonseca Guilherme Drehmer ... - [[Translate this page](#)]

... Patry Guillaume Pauron Guillaume Pérolle Guillaume Perrin **Guillaume Picinbono** Guillaume Pierre Guillaume Pitel Guillaume Poirier Guillaume Potard ...
www.informatik.uni-trier.de/~ley/db/indices/nst/CAY.NST - 4k - [Cached](#) - [Similar pages](#)

Guillaume Koch Guillaume Koum Guillaume Lathoud Guillaume Latu ... - [[Translate this page](#)]

... Guillaume Paillard Guillaume Patanchon Guillaume Patry Guillaume Pérolle **Guillaume Picinbono** Guillaume Pierre Guillaume Pitel Guillaume Poirier ...
www.informatik.uni-trier.de/~ley/db/indices/nst/BVW.NST - 5k - Supplemental Result - [Cached](#) - [Similar pages](#)

[PDF] Simulation de chirurgie par coelioscopie : contributions `al'étude de

File Format: PDF/Adobe Acrobat - [View as HTML](#)
cette action s'est traduite par la soutenance de la th`ese de **Guillaume Picinbono** qui adapte. un autre mod`ele de deformation proposee par Cotin, ...
rangiroa.essi.fr:8080/Specif/ prix-these/prix2003/03-resume-forest.pdf - Supplemental Result - [Similar pages](#)

VEPS - Contacts

The drop-down menu needs javascript enabled, please use links to The left-hand side and The bottom of The page. The drop-down menu needs javascript enabled, ...
www.veps3d.org/site/136.asp - 10k - Supplemental Result - [Cached](#) - [Similar pages](#)

Paper: lcra01 ::

Guillaume Picinbono Herv Delingette Nicholas Ayache Epidaure Project, INRIA, 06902 Sophia-Antipolis Cedex, BP 93, France <http://www-sop. ...>
www.medical-papers.com/ linear+model+elasticity+elastic+tetrahedron/ - 14k - Supplemental Result - [Cached](#) - [Similar pages](#)

[liinwww.ira.uka.de/searchbib/index?query=Guillaume...](http://www.ira.uka.de/searchbib/index?query=Guillaume...) - [[Translate this page](#)]
[Similar pages](#)

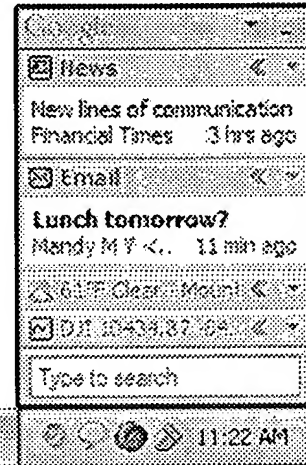
hpsearch.uni-trier.de/hp/cgi/hps.cgi?Guillaume+Pic... - [[Translate this page](#)]
[Similar pages](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 10 already displayed.

If you like, you can repeat the search with the omitted results included.

Try your search again on [Google Book Search](#)

Info when you want it, right on your desktop
Free! [Download Google Desktop](#)



"Guillaume Picinbono" -2006 -2005 [Search](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#)

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "(ayache n.<in>au)"

Your search matched 61 of 1328352 documents.

e-mail

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

(ayache n.<in>au)

Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)

View: 1-

- ☐ 1. **Robust nonrigid registration to capture brain shift from Intraoperative MR**
Clatz, O.; Delingette, H.; Talos, I.-F.; Golby, A.J.; Kikinis, R.; Jolesz, F.A.; Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 24, Issue 11, Nov. 2005 Page(s):1417 - 1427
Digital Object Identifier 10.1109/TMI.2005.856734
[AbstractPlus](#) | Full Text: [PDF](#)(800 KB) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ 2. **Realistic simulation of the 3-D growth of brain tumors in MR Images coupled with biomechanical deformation**
Clatz, O.; Sermesant, M.; Bondiau, P.-Y.; Delingette, H.; Warfield, S.K.; Malani, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 24, Issue 10, Oct. 2005 Page(s):1334 - 1346
Digital Object Identifier 10.1109/TMI.2005.857217
[AbstractPlus](#) | Full Text: [PDF](#)(2208 KB) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ 3. **Maintaining representations of the environment of a mobile robot**
Ayache, N.; Faugeras, O.D.;
[Robotics and Automation, IEEE Transactions on](#)
Volume 5, Issue 6, Dec. 1989 Page(s):804 - 819
Digital Object Identifier 10.1109/70.88101
[AbstractPlus](#) | Full Text: [PDF](#)(1484 KB) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ 4. **Trinocular stereo vision for robotics**
Ayache, N.; Lustman, F.;
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 13, Issue 1, Jan. 1991 Page(s):73 - 85
Digital Object Identifier 10.1109/34.67633
[AbstractPlus](#) | Full Text: [PDF](#)(1240 KB) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ 5. **Frequency-based nonrigid motion analysis: application to four dimensional images**
Nastar, C.; Ayache, N.;

[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 18, Issue 11, Nov. 1996 Page(s):1067 - 1079
Digital Object Identifier 10.1109/34.544076

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(2432 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **6. Medical Image registration using geometric hashing**
Guezic, A.P.; Pennec, X.; Ayache, N.;
[Computational Science and Engineering, IEEE \[see also Computing in Science](#)
Volume 4, Issue 4, Oct.-Dec. 1997 Page(s):29 - 41
Digital Object Identifier 10.1109/99.641607
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(372 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **7. Real-time elastic deformations of soft tissues for surgery simulation**
Cotin, S.; Delingette, H.; Ayache, N.;
[Visualization and Computer Graphics, IEEE Transactions on](#)
Volume 5, Issue 1, Jan.-March 1999 Page(s):62 - 73
Digital Object Identifier 10.1109/2945.764872
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1776 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **8. Medical image analysis: progress over two decades and the challenges a**
Duncan, J.S.; Ayache, N.;
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 22, Issue 1, Jan. 2000 Page(s):85 - 106
Digital Object Identifier 10.1109/34.824822
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1372 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **9. Rigid registration of 3-D ultrasound with MR Images: a new approach con**
and gradient information
Roche, A.; Pennec, X.; Malandain, G.; Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 20, Issue 10, Oct. 2001 Page(s):1038 - 1049
Digital Object Identifier 10.1109/42.959301
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(296 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **10. Three-dimensional multimodal brain warping using the Demons algorithm**
Intensity corrections
Guimond, A.; Roche, A.; Ayache, N.; Meunier, J.;
[Medical Imaging, IEEE Transactions on](#)
Volume 20, Issue 1, Jan 2001 Page(s):58 - 69
Digital Object Identifier 10.1109/42.906425
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1568 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **11. Computation of the mid-sagittal plane in 3-D brain images**
Prima, S.; Ourselin, S.; Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 21, Issue 2, Feb. 2002 Page(s):122 - 138
Digital Object Identifier 10.1109/42.993131
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(763 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **12. Epidaure: A research project in medical image analysis, simulation, and i**
Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)

Volume 22, Issue 10, Oct. 2003 Page(s):1185 - 1201

Digital Object Identifier 10.1109/TMI.2003.812863

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(4029 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **13. Retrospective evaluation of intersubject brain registration**
 Hellier, P.; Barillot, C.; Corouge, I.; Gibaud, B.; Le Goualher, G.; Collins, D.L.; Malandain, G.; Ayache, N.; Christensen, G.E.; Johnson, H.J.;
[Medical Imaging, IEEE Transactions on](#)
 Volume 22, Issue 9, Sept. 2003 Page(s):1120 - 1130
 Digital Object Identifier 10.1109/TMI.2003.816961
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(740 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **14. Integrating Tactile and Force Feedback with Finite Element Models**
 Wagner, C.R.; Perrin, D.P.; Feller, R.L.; Howe, R.D.; Clatz, O.; Delingette, H.;
[Robotics and Automation, 2005. Proceedings of the 2005 IEEE International C](#)
 18-22 April 2005 Page(s):3942 - 3947
[AbstractPlus](#) | Full Text: [PDF\(528 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **15. Geometric matcher for recognizing and positioning 3-D rigid objects from**
 Faugeras, O.; Ayache, N.; Faverjon, B.;
[Robotics and Automation. Proceedings. 1985 IEEE International Conference o](#)
 Volume 2, Mar 1985 Page(s):404 - 404
[AbstractPlus](#) | Full Text: [PDF\(18 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **16. Building visual maps by combining noisy stereo measurements**
 Faugeras, O.; Ayache, N.; Faverjon, B.;
[Robotics and Automation. Proceedings. 1986 IEEE International Conference o](#)
 Volume 3, Apr 1986 Page(s):1433 - 1438
[AbstractPlus](#) | Full Text: [PDF\(496 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **17. Hierarchical segmentation of multiple sclerosis lesions in multi-sequence**
 Dugas-Phocion, G.; Gonzalez, M.A.; Lebrun, C.; Chanalet, S.; Bensa, C.; Mal
 Ayache, N.;
[Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on](#)
 15-18 April 2004 Page(s):157 - 160 Vol. 1
 Digital Object Identifier 10.1109/ISBI.2004.1398498
[AbstractPlus](#) | Full Text: [PDF\(579 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **18. Measuring blood cells velocity in microvessels from a single image: appl**
and in situ confocal microscopy
 Savoie, N.; Le Goualher, G.; Perchant, A.; Lacombe, F.; Malandain, G.; Ayac
[Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on](#)
 15-18 April 2004 Page(s):456 - 459 Vol. 1
 Digital Object Identifier 10.1109/ISBI.2004.1398573
[AbstractPlus](#) | Full Text: [PDF\(603 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **19. Virtual reality and augmented reality in digestive surgery**
 Soler, L.; Nicolau, S.; Schmid, J.; Koehl, C.; Marescaux, J.; Pennec, X.; Ayach
[Mixed and Augmented Reality, 2004. ISMAR 2004. Third IEEE and ACM Inter](#)
[Symposium on](#)
 2-5 Nov. 2004 Page(s):278 - 279
 Digital Object Identifier 10.1109/ISMAR.2004.64

[AbstractPlus](#) | Full Text: [PDF\(160 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **20. Three dimensional functional cartography of the human basal ganglia by optical and histological serial sections**
 Bardinet, E.; Ourselin, S.; Malandain, G.; Tande, D.; Parain, K.; Ayache, N.; Y
[Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium](#)
 7-10 July 2002 Page(s):329 - 332
 Digital Object Identifier 10.1109/ISBI.2002.1029260
[AbstractPlus](#) | Full Text: [PDF\(577 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **21. Parcellation of brain images with anatomical and functional constraints f analysis**
 Flandin, G.; Kherif, F.; Pennec, X.; Riviere, D.; Ayache, N.; Poline, J.-B.;
[Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium](#)
 7-10 July 2002 Page(s):907 - 910
 Digital Object Identifier 10.1109/ISBI.2002.1029408
[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **22. Progress towards an electromechanical model of the heart for cardiac im**
 Sermesant, M.; Coudiere, Y.; Delingette, H.; Ayache, N.;
[Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium](#)
 7-10 July 2002 Page(s):10 - 13
 Digital Object Identifier 10.1109/ISBI.2002.1029180
[AbstractPlus](#) | Full Text: [PDF\(391 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **23. Removing tetrahedra from a manifold mesh**
 Forest, C.; Delingette, H.; Ayache, N.;
[Computer Animation, 2002. Proceedings of](#)
 19-21 June 2002 Page(s):225 - 229
 Digital Object Identifier 10.1109/CA.2002.1017541
[AbstractPlus](#) | Full Text: [PDF\(275 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **24. Texture based MRI segmentation with a two-stage hybrid neural classifie**
 Pitiot, A.; Toga, A.W.; Ayache, N.; Thompson, P.;
[Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Join](#)
 Volume 3, 12-17 May 2002 Page(s):2053 - 2058
 Digital Object Identifier 10.1109/IJCNN.2002.1007457
[AbstractPlus](#) | Full Text: [PDF\(566 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **25. Nonlinear and anisotropic elastic soft tissue models for medical simulati**
 Picinbono, G.; Delingette, H.; Ayache, N.;
[Robotics and Automation, 2001. Proceedings 2001 ICRA. IEEE International C](#)
 Volume 2, 2001 Page(s):1370 - 1375 vol.2
 Digital Object Identifier 10.1109/ROBOT.2001.932801
[AbstractPlus](#) | Full Text: [PDF\(532 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

View: 1-

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE –

indexed by
Inspec[®]


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "(ayache n.<in>au)"

Your search matched 61 of 1328352 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

e-mail

» Search Options

[View Session History](#)[New Search](#)

Modify Search

(ayache n.<in>au)

Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

view selected items

[Select All](#) [Deselect All](#)

View: 1-

- ☐ 1. Robust nonrigid registration to capture brain shift from Intraoperative MR Clatz, O.; Delingette, H.; Talos, I.-F.; Golby, A.J.; Kikinis, R.; Jolesz, F.A.; Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 24, Issue 11, Nov. 2005 Page(s):1417 - 1427
Digital Object Identifier 10.1109/TMI.2005.856734
[AbstractPlus](#) | Full Text: [PDF](#)(800 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. Realistic simulation of the 3-D growth of brain tumors in MR images coupled with biomechanical deformation Clatz, O.; Sermesant, M.; Bondiau, P.-Y.; Delingette, H.; Warfield, S.K.; Malani, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 24, Issue 10, Oct. 2005 Page(s):1334 - 1346
Digital Object Identifier 10.1109/TMI.2005.857217
[AbstractPlus](#) | Full Text: [PDF](#)(2208 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. Maintaining representations of the environment of a mobile robot Ayache, N.; Faugeras, O.D.;
[Robotics and Automation, IEEE Transactions on](#)
Volume 5, Issue 6, Dec. 1989 Page(s):804 - 819
Digital Object Identifier 10.1109/70.88101
[AbstractPlus](#) | Full Text: [PDF](#)(1484 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. Trinocular stereo vision for robotics Ayache, N.; Lustman, F.;
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 13, Issue 1, Jan. 1991 Page(s):73 - 85
Digital Object Identifier 10.1109/34.67633
[AbstractPlus](#) | Full Text: [PDF](#)(1240 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 5. Frequency-based nonrigid motion analysis: application to four dimensional images Nastar, C.; Ayache, N.;

[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 18, Issue 11, Nov. 1996 Page(s):1067 - 1079
Digital Object Identifier 10.1109/34.544076

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(2432 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **6. Medical image registration using geometric hashing**
Gueziec, A.P.; Pennec, X.; Ayache, N.;
[Computational Science and Engineering, IEEE \[see also Computing in Science](#)
Volume 4, Issue 4, Oct.-Dec. 1997 Page(s):29 - 41
Digital Object Identifier 10.1109/99.641607
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(372 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **7. Real-time elastic deformations of soft tissues for surgery simulation**
Cotin, S.; Delingette, H.; Ayache, N.;
[Visualization and Computer Graphics, IEEE Transactions on](#)
Volume 5, Issue 1, Jan.-March 1999 Page(s):62 - 73
Digital Object Identifier 10.1109/2945.764872
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1776 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **8. Medical image analysis: progress over two decades and the challenges a**
Duncan, J.S.; Ayache, N.;
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 22, Issue 1, Jan. 2000 Page(s):85 - 106
Digital Object Identifier 10.1109/34.824822
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1372 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **9. Rigid registration of 3-D ultrasound with MR images: a new approach con**
and gradient information
Roche, A.; Pennec, X.; Malandain, G.; Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 20, Issue 10, Oct. 2001 Page(s):1038 - 1049
Digital Object Identifier 10.1109/42.959301
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(296 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **10. Three-dimensional multimodal brain warping using the Demons algorithr**
intensity corrections
Guimond, A.; Roche, A.; Ayache, N.; Meunier, J.;
[Medical Imaging, IEEE Transactions on](#)
Volume 20, Issue 1, Jan 2001 Page(s):58 - 69
Digital Object Identifier 10.1109/42.906425
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1568 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **11. Computation of the mid-sagittal plane in 3-D brain images**
Prima, S.; Ourselin, S.; Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 21, Issue 2, Feb. 2002 Page(s):122 - 138
Digital Object Identifier 10.1109/42.993131
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(763 KB) IEEE JNL
[Rights and Permissions](#)

- ☐ **12. Epidaure: A research project in medical image analysis, simulation, and i**
Ayache, N.;
[Medical Imaging, IEEE Transactions on](#)

Volume 22, Issue 10, Oct. 2003 Page(s):1185 - 1201

Digital Object Identifier 10.1109/TMI.2003.812863

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(4029 KB\)](#) IEEE JNL

[Rights and Permissions](#)

- ☐ **13. Retrospective evaluation of intersubject brain registration**
 Hellier, P.; Barillot, C.; Corouge, I.; Gibaud, B.; Le Goualher, G.; Collins, D.L.; Malandain, G.; Ayache, N.; Christensen, G.E.; Johnson, H.J.;
[Medical Imaging, IEEE Transactions on](#)
 Volume 22, Issue 9, Sept. 2003 Page(s):1120 - 1130
 Digital Object Identifier 10.1109/TMI.2003.816961
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(740 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ **14. Integrating Tactile and Force Feedback with Finite Element Models**
 Wagner, C.R.; Perrin, D.P.; Feller, R.L.; Howe, R.D.; Clatz, O.; Delingette, H.;
[Robotics and Automation, 2005. Proceedings of the 2005 IEEE International C](#)
 18-22 April 2005 Page(s):3942 - 3947
[AbstractPlus](#) | Full Text: [PDF\(528 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ **15. Geometric matcher for recognizing and positioning 3-D rigid objects from**
 Faugeras, O.; Ayache, N.; Faverjon, B.;
[Robotics and Automation, Proceedings, 1985 IEEE International Conference o](#)
 Volume 2, Mar 1985 Page(s):404 - 404
[AbstractPlus](#) | Full Text: [PDF\(18 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ **16. Building visual maps by combining noisy stereo measurements**
 Faugeras, O.; Ayache, N.; Faverjon, B.;
[Robotics and Automation, Proceedings, 1986 IEEE International Conference o](#)
 Volume 3, Apr 1986 Page(s):1433 - 1438
[AbstractPlus](#) | Full Text: [PDF\(496 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ **17. Hierarchical segmentation of multiple sclerosis lesions in multi-sequence**
 Dugas-Phocion, G.; Gonzalez, M.A.; Lebrun, C.; Chanalet, S.; Bensa, C.; Mal
 Ayache, N.;
[Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on](#)
 15-18 April 2004 Page(s):157 - 160 Vol. 1
 Digital Object Identifier 10.1109/ISBI.2004.1398498
[AbstractPlus](#) | Full Text: [PDF\(579 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ **18. Measuring blood cells velocity in microvessels from a single image: appl**
and in situ confocal microscopy
 Savoie, N.; Le Goualher, G.; Perchant, A.; Lacombe, F.; Malandain, G.; Ayach
[Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on](#)
 15-18 April 2004 Page(s):456 - 459 Vol. 1
 Digital Object Identifier 10.1109/ISBI.2004.1398573
[AbstractPlus](#) | Full Text: [PDF\(603 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ **19. Virtual reality and augmented reality in digestive surgery**
 Soler, L.; Nicolau, S.; Schmid, J.; Koehl, C.; Marescaux, J.; Pennec, X.; Ayach
[Mixed and Augmented Reality, 2004. ISMAR 2004, Third IEEE and ACM Inter](#)
[Symposium on](#)
 2-5 Nov. 2004 Page(s):278 - 279
 Digital Object Identifier 10.1109/ISMAR.2004.64

[AbstractPlus](#) | Full Text: [PDF\(160 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **20. Three dimensional functional cartography of the human basal ganglia by optical and histological serial sections**
 Bardinet, E.; Ourselin, S.; Malandain, G.; Tande, D.; Parain, K.; Ayache, N.; Yt
[Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium](#)
 7-10 July 2002 Page(s):329 - 332
 Digital Object Identifier 10.1109/ISBI.2002.1029260

[AbstractPlus](#) | Full Text: [PDF\(577 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **21. Parcellation of brain images with anatomical and functional constraints f analysis**
 Flandin, G.; Kherif, F.; Pennec, X.; Riviere, D.; Ayache, N.; Poline, J.-B.;
[Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium](#)
 7-10 July 2002 Page(s):907 - 910
 Digital Object Identifier 10.1109/ISBI.2002.1029408

[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **22. Progress towards an electromechanical model of the heart for cardiac im**
 Sermesant, M.; Coudiere, Y.; Delingette, H.; Ayache, N.;
[Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium](#)
 7-10 July 2002 Page(s):10 - 13
 Digital Object Identifier 10.1109/ISBI.2002.1029180

[AbstractPlus](#) | Full Text: [PDF\(391 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **23. Removing tetrahedra from a manifold mesh**
 Forest, C.; Delingette, H.; Ayache, N.;
[Computer Animation, 2002. Proceedings of](#)
 19-21 June 2002 Page(s):225 - 229
 Digital Object Identifier 10.1109/CA.2002.1017541

[AbstractPlus](#) | Full Text: [PDF\(275 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **24. Texture based MRI segmentation with a two-stage hybrid neural classifie**
 Pitiot, A.; Toga, A.W.; Ayache, N.; Thompson, P.;
[Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Join](#)
 Volume 3, 12-17 May 2002 Page(s):2053 - 2058
 Digital Object Identifier 10.1109/IJCNN.2002.1007457

[AbstractPlus](#) | Full Text: [PDF\(566 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
- ☐ **25. Nonlinear and anisotropic elastic soft tissue models for medical simulati**
 Picinbono, G.; Delingette, H.; Ayache, N.;
[Robotics and Automation, 2001. Proceedings 2001 ICRA. IEEE International C](#)
 Volume 2, 2001 Page(s):1370 - 1375 vol.2
 Digital Object Identifier 10.1109/ROBOT.2001.932801

[AbstractPlus](#) | Full Text: [PDF\(532 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

View: 1-

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE –



| | Type | L # | Hits | Search Text |
|---|------|-----|------|---|
| 1 | BRS | L1 | 32 | "600"/\$.ccls. and "703"/\$.ccls. |
| 2 | BRS | L2 | 5 | "600"/\$.ccls. and (deforma\$4 same haptic) |
| 3 | BRS | L3 | 441 | 703/11.ccls. |

| | DBs | Time Stamp | Comments | Error Definition |
|----------|---|-------------------|-----------------|-------------------------|
| 1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/03/17 14:49 | | |
| 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/03/17 14:51 | | |
| 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2006/03/17 14:52 | | |